

ITEC- 2024- 2025

**Specialized Training Programme on Digital Health
for Nigeria Participants**

A.	Name of the Institute	Centre for Development of Advanced Computing, Mohali
B.	Name/Title of the Course	Specialized Training Programme in Digital Health
C.	Proposed Dates and Duration of the Course in weeks/ months	4 Sept 2024 to 17 Sept 2024 Duration: Two week(s)
D.	Eligibility Criteria for Participants	
	1. Educational Qualification	Professional working in Healthcare domain with working knowledge of computers.
	2. Work Experience	As per MEA guidelines
	3. Age Limit	As per MEA guidelines
	4. Target group (Level of participants and target ministry/department etc. may be identified)	Working Healthcare professional with knowledge of computers.
E.	Aims & Objectives of the Course	At the end of the course, Students will be able: <ul style="list-style-type: none"> To understand role of IT in Digital healthcare. To get know how of different national and international standards of Healthcare domain To prevent attacks and other threats in a network or Internetwork. To understand about data privacy, security, integrity in telemedicine system Hands on practical sessions on different solutions. To get a insight of industry patterns
F.	Details / Content of the Course	Week 1: Digital Health <ul style="list-style-type: none"> Introduction to Digital Health Role of IT in healthcare. Clinical Data management. Using technology for Healthcare Delivery. Electronic Medical Records (EMRs). Telemedicine <ul style="list-style-type: none"> Introduction and overview Importance and Need of Telemedicine in Healthcare

		<ul style="list-style-type: none"> Telemedicine Infrastructure Features and Services Effect of Telemedicine on Quality, Access & Cost Legal and Ethical Issues in Telemedicine Primary Healthcare in Developing Countries: Challenges and opportunities Week 2: Demonstrations, Practical Sessions of Digital Health Applications and Field Visit <ul style="list-style-type: none"> Demonstration and Practical Session on eSanjeevani- National Telemedicine Service Demonstration and Practical Session on Point of Care Diagnostic devices integrated with eSanjeevani Demonstration of eAushadhi, eRaktKosh, eSushrut Field Visit Overview of various Digital Health IT standards& Guidelines <ul style="list-style-type: none"> Importance of Standards Standard and standardizing organizations Privacy, Confidentiality, Security and Data Integrity in Telemedicine Health Level (HL7), SNOMED CT Electronic Health Record (EHR) Standards for India -2016 Telemedicine Practice Guidelines
G.	Mode of Evaluation of Performance of the ITEC Participant	Written Assessment